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(54) COATING METHOD FOR PREVENTING CONTAMINATION

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent a contamination attributed to dust or an oily component and the like on the surface of a finish coat applied to an architectural structure, a civil engineering structure or industrial equipment.

SOLUTION: A hydrolytic product obtained by adding 3-70 pts.wt. of water to 100 pts.wt. of Si in terms of SiO₂ contained in organosilicate and causing the mixture to undergo a hydrolytic reaction in the presence of an acid catalyst, is processed into an aerosol, and the aerosol is atomized and applied to the surface of a structure to prevent the surface of the structure from being contaminated. Alternatively, the hydrolytic product obtained by adding 3-70 pts.wt. of water to 100 pts.wt. of Si in terms of SiO₂ contained in the organosilicate and causing the mixture to undergo the hydrolytic reaction in the presence of acid catalyst, is wipe-coated to the surface of the structure. Thus it is possible to prevent the surface of the structure from being contaminated.

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